



Instructions for Completing Water Meter Sizing Worksheet **JB-1** (Residential or Commercial)

Phone 760-373-7152 • ccblgd-code@californiacity.com

The Water Meter Sizing Worksheet helps determine the water meter size needed for projects requiring new or upsized water services.

Who needs to complete this form?

Complete this form if you have new construction, alternations, or additions to commercial or mixed use that require a new or upsized water service that will connect to the public water system.

This worksheet must be completed if the applicant is planning to:

- ☐ Construct a new building
- ☐ Add or remove plumbing fixtures

Potential commercial building permit applicants may also complete this worksheet in preplanning or planning stages.

What kind of information does this worksheet request?

The Meter Sizing Worksheet is an inventory of the plumbing fixtures in your project. Each fixture is given a value based on typical water use. Follow the instructions to determine the water meter size that will provide optimum water flow throughout your site. You will calculate Total Fixture Unit Values and be able to match this value to the meter size.

Where do I send the worksheet?

Applicants for building permits typically submit this form with their Building Permit Application Form.

If you are researching a building permit application, you may contact City of California City Building Department for preplanning and planning assistance with the worksheet.

City of California City Building Department

Please feel free to call should you need assistance.

Phone 760-373-7152

Email ccblgd-code@californiacity.com

Mailing address:

City Hall
21000 Hacienda Blvd
California City, CA 93505

Walk-in Assistance:

City Hall
21000 Hacienda Blvd
California City, CA 93505
Monday - Friday, 8:30 am - 5:00 pm



Water Meter Sizing Worksheet

Commercial or Mixed Use

JB-1

Revised: August 2014 According to CBC-2013 Part 5

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Building Permit Number

Service Address

(1) Type of Fixture	(2) Total Fixtures in New/Remodeled Structure	(3) Fixture Values	(4) Total Fixture Unit Value
Bar sink	x	2.0	=
Bathtub or Tub/Shower	x	4.0	=
Clinic Sink	x	3.0	=
Clothes Washer	x	4.0	=
Dishwasher	x	1.5	=
Drinking Fountain	x	0.5	=
Hose Bibb, 1 st one	x	2.5	=
Hose Bibb, each additional	x	1.0	=
Kitchen Sink	x	1.5	=
Laundry Sink	x	1.5	=
Lavatory Sink	x	1.0	=
Mop or Service Sink	x	3.0	=
Shower	x	2.0	=
Urinal, 1.0 GPF	x	5.0	=
Urinal, >1.0 GPF	x	4.0	=
Water Closet, 1.6 GPF Gravity Tank	x	2.5	=
Water Closet, 1.6 Flushometer Valve	x	5.0	=
Water Closet, >1.6 Flushometer Valve	x	8.0	=

Total Fixture
Units:

Instructions	Fixture Unit Count (column 4 total)	Required Meter Size	Price per Meter
Column 2: Enter the total number of each fixture type for the completed new structure. If the project has an existing structure that will be using the same water meter enter the total number of each fixture type for the completed project.	0 - 37	3/4" meter	700.00 *
	37.5 - 89	1" meter	725.00 **
	89.5 - 286	1.5 meter	
	286.5 - 532	2" meter	
	532.5 - 1,300	3" meter	
Column 3: Per unit value of each fixture type	1,300.5 - 3600	4" meter	
Column 4: Enter the number of column 2 times column 3	3,600.5 - 8,200	6" meter	
Perform two Calculation Sheets one with fire sprinklers and one without	AVEK FEES -	*\$5,387.00 / **\$10,774.00	